

FLUTED COMPOSITE AND RELATED ABSORBENT ARTICLES

Abstract of the Disclosure

An absorbent composite that includes a fibrous matrix having absorbent material dispersed in bands along the composite's length is disclosed. The bands define liquid distribution zones. On liquid contact, absorbent material swelling occurs and produces a wetted composite having flutes that include swollen absorbent material separated by distribution zones, regions of the composite that are substantially free of absorbent material. Absorbent articles that include the composite are also disclosed.